

USAMMDA INFORMATION PAPER

PRODUCT: STRYKER – MEDICAL EVACUATION VEHICLE

DESCRIPTION: The Stryker - Medical Evacuation Vehicle (MEV) functions as the medical evacuation variant of the Stryker Armored Vehicle platform for the Stryker Brigade Combat Team (SBCT). Medical capability includes an automated litter lift system, on-board oxygen, suction, storage space for essential medical items and equipment, plus the capacity to carry four litter patients or six ambulatory patients, and a crew of three.

PROGRAM RELEVANCE to the ARMY: As a variant of the Stryker, the platform selected by the Army to support the SBCT as a bridge to the Future Combat System, this product supports both the core mission of the Army and the Army Transformation. Of the Army's core competencies, this product supports "Prompt Response," "Forcible Entry Operations," "Sustained Land Dominance," and "Support Civil Authorities." In any conflict or civilian disaster, it is an unfortunate fact that there will be casualties requiring medical treatment and evacuation. This vehicle is intended to save soldiers' lives in those situations and supports Future Operational Capabilities: MD-02-001 Clearing the Battlefield and MD-02-003 Medical Force Protection.

ISSUES/ACTIONS:

- Overall management of the Stryker program is the responsibility of the Program Manager - Stryker Brigade Combat Team (PM-SBCT). The U.S. Army Medical Materiel Development Activity (USAMMDA) has the responsibility to assist and advise the PM-SBCT on issues impacting the suitability of the Stryker-MEV to perform the medical mission. The USAMMDA continues to participate in Integrated Product Teams and test planning, and is working with the PM-SBCT to ensure that the Stryker-MEV is as well suited to the medical mission as possible.
- To date, 27 Stryker MEVs have been produced. Five are in the process of testing, and 17 were fielded to the first Stryker Brigade in March/April 2003. This SBCT is preparing to deploy to Iraq and will be the first operational use of Stryker vehicles.
- The USAMMDA is coordinating with the PM-SBCT, the U.S. Army Medical Department Center and School, and the U.S. Army Test and Evaluation Command to ensure that issues identified during technical testing are resolved in the production vehicles for the second and subsequent SBCTs.

ADDITIONAL INFORMATION:

BPL # 417

DA PROJECT/TASK: Trauma Management –
PE/PROJ 643807/836SK/832SK

MAMP RANK: Not Ranked

ARMY ORD: Approved, 6 April 2000

SCHEDULE:

MS 0	1QFY00
MS I	3QFY00
MS II	1QFY01
MS III	4QFY03

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